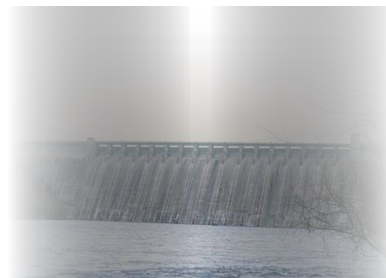# Ivy Tech Community College

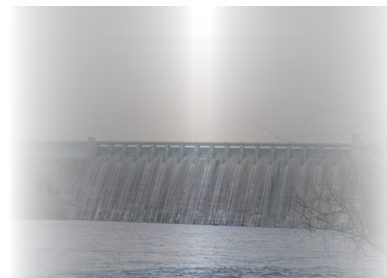## Sustainable Energy

What is the program?

- Associate of Applied Science (A.A.S.)
  - Technical Certificate (T.C.)

- Three concentrations
  - Wind Turbine Technology
  - Renewable Energy Systems Technology
  - Home Technology Integration & Energy Auditing

Sustainable Energy

Did you come up with it?

- Advisory Board

- Existing programs
  - Columbia Gorge CC (Oregon)
  - Cloud County CC (Kansas)
  - Texas State TC (Sweetwater)
  - Iowa Lakes CC (Estherville)
  - Lane CC (Oregon)

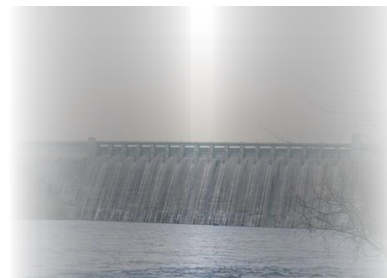- Ivy Tech was well positioned!

Sustainable Energy

What kind of classes?

- Electrical

- Mechanical

- *Safety*

- General Education
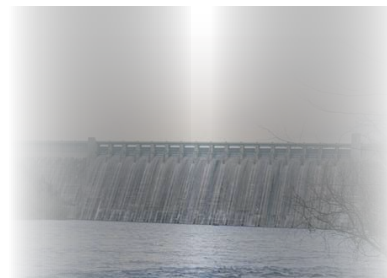
Sustainable Energy

How long does it take?

- 62 credit hours (AAS)
  - 15-16 hours a semester for 4 semesters
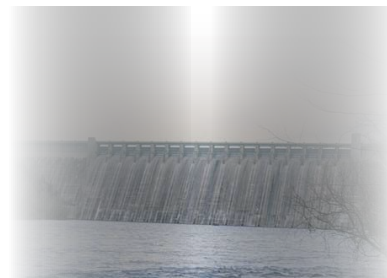- 34 hours (TC)

Sustainable Energy

Are there jobs?

- Yes.

- How many?

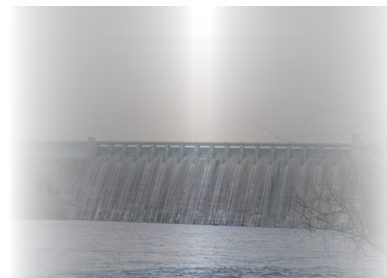- What do they pay?

Sustainable Energy

Is this the only 'green' field?

- HVAC
- Advanced Manufacturing
- Industrial Technology
  - Machine Tooling
- Chemical Technology
- Biotechnology
- Agricultural Technology

Sustainable Energy

What will an ITCC grad be?

- Grads will know to act safely in the workplace

- Grads will be ready to be problem solvers

- Grads will have a knowledge and skill set to make OJT more effective

Sustainable Energy